Amendments to the Claims:

Please amend Claims 1, 8, and 9 as follows. This listing of claims will replace all prior versions and listings of claims in the Application.

1. **(Currently Amended)** A color printing system comprising:

a plurality of color modules;

a processing element associated with each of said color modules;

a set of configurable parameters related to individual ones of said color modules and stored in respective process elements of said color modules as a series of addressable tables; and

a common bus structure coupled to each of said color modules and said processing elements, wherein said color modules are a series of addressable nodes on said common bus and said processing element initializes said color modules via said common bus using said addressable nodes as identifications for inputs to each of said color modules to properly initialize said parameters for correct color settings.

2. – 7. **(Cancelled)**

8. **(Currently Amended)** The system of Claim 1, wherein, during initialization, each of said color modules has said parameters set using a unique identification number that allows fully independent configuration and control for each of said color modules.

9. **(Currently Amended)** The system of Claim 8, wherein once said parameters are initialized, a personality for each of said color modules is established and said processing element performs checks on components for each of said color modules to insure said personality is correct.

10. **(Previously Presented)** The system of Claim 9, wherein said processing element will change said parameters if said personality is not correct.

11. **(Previously Presented)** The system of Claim 1, wherein said processing element is a master processor and further comprising at least one additional local processor that maintains said configurable parameters.